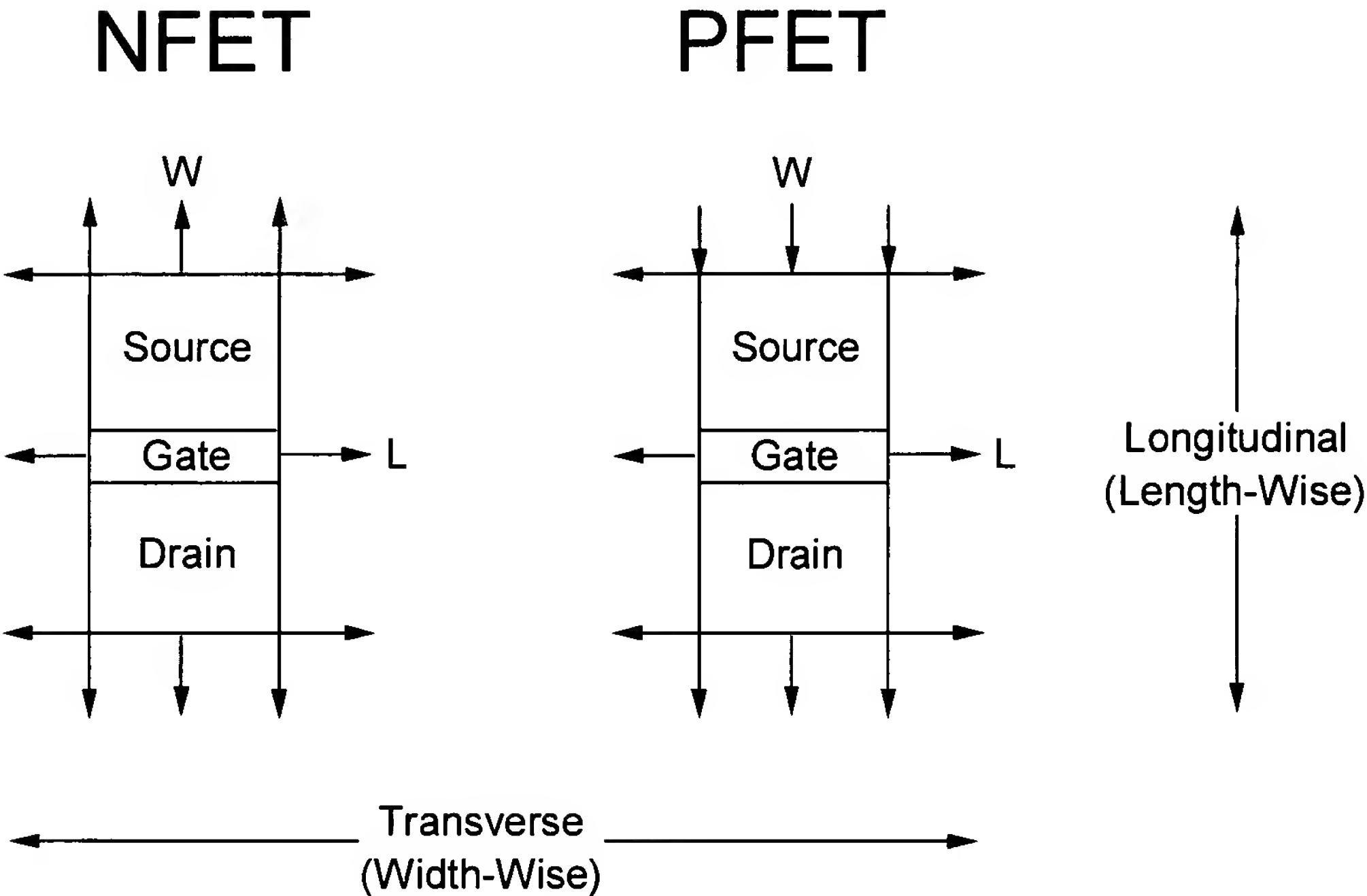




1/8
FIG. 1



2/8
FIG. 2A

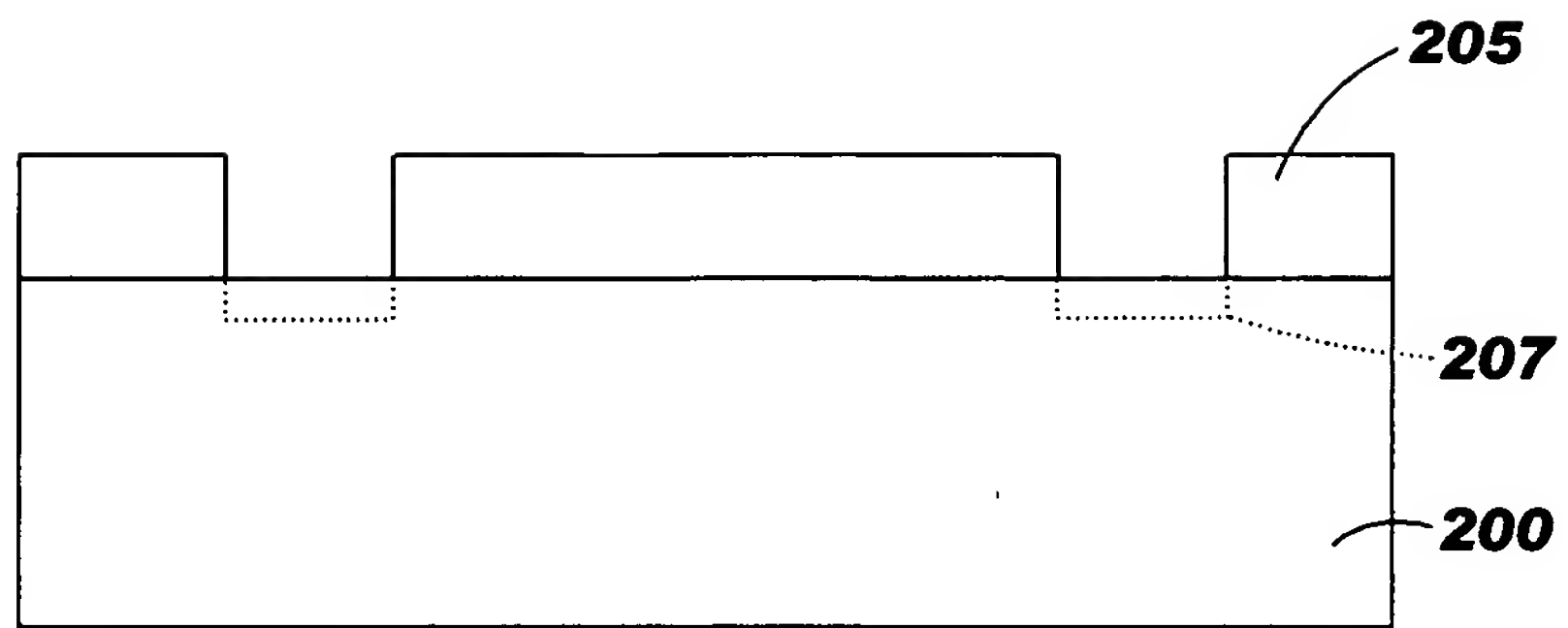


FIG. 2B

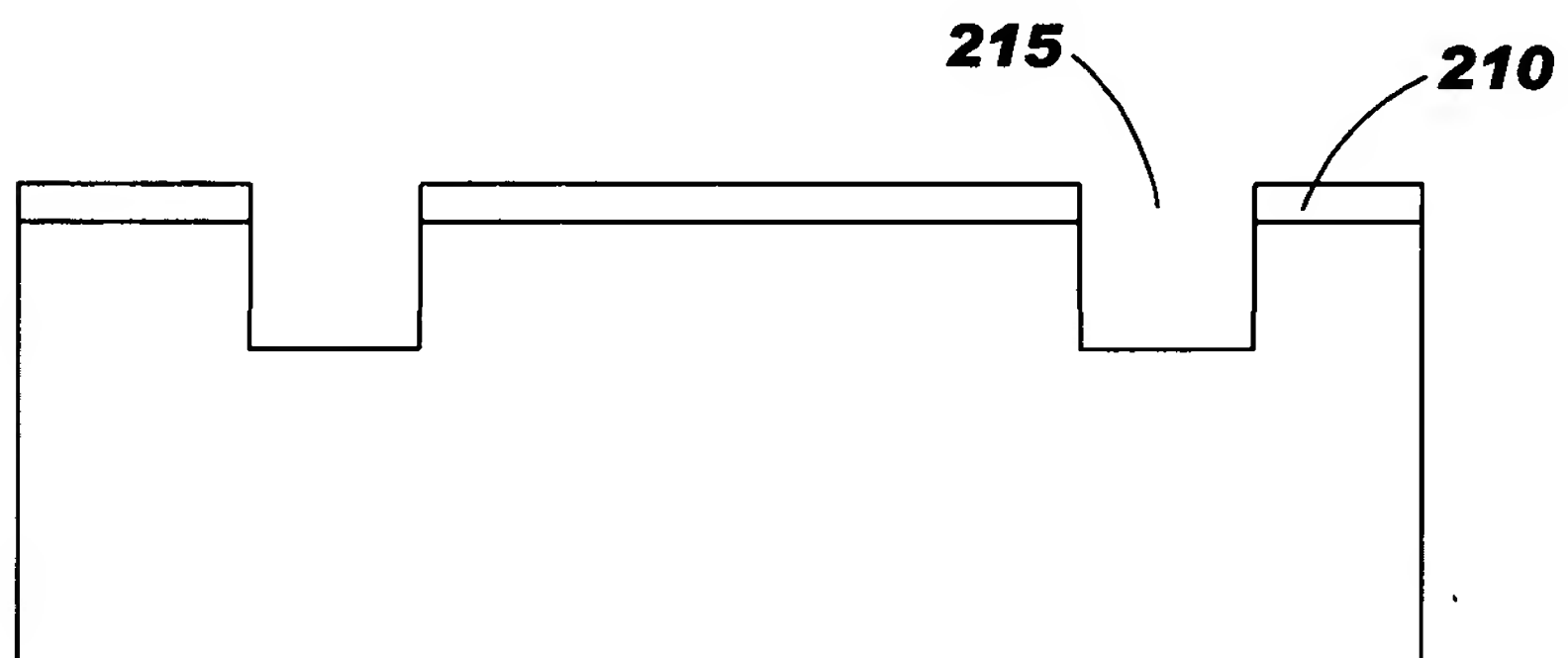
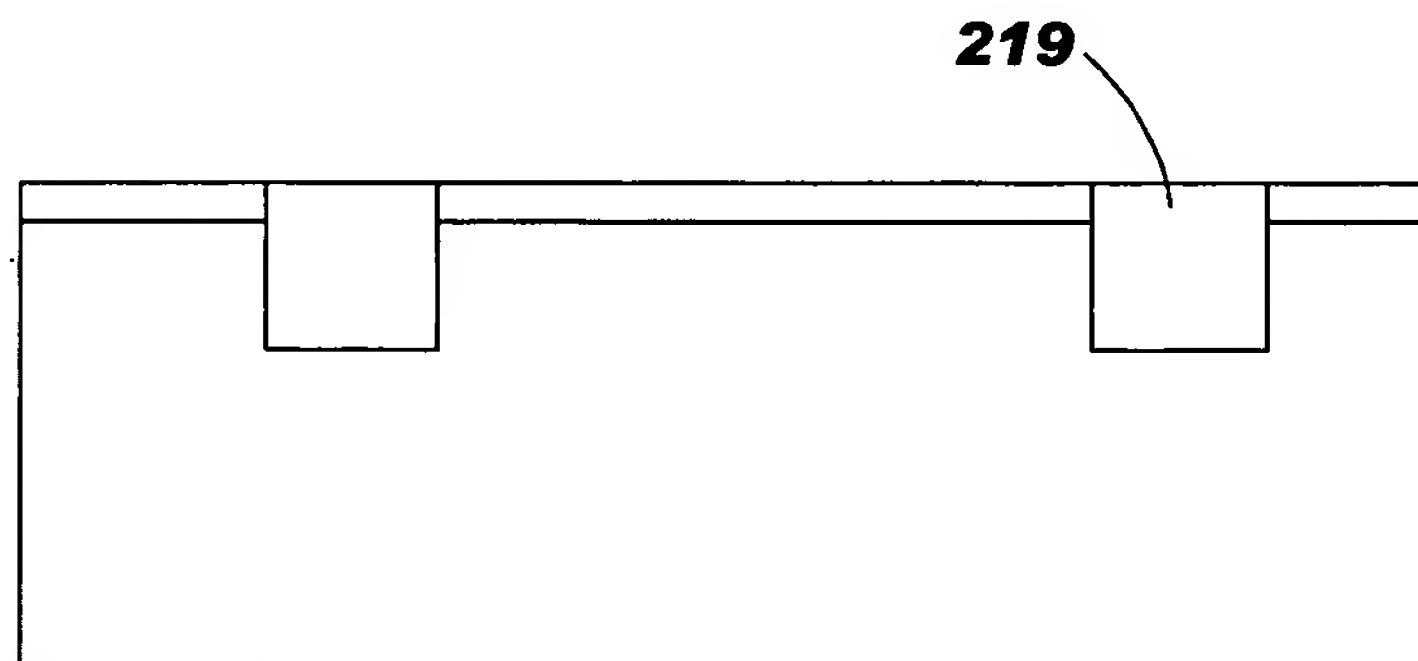


FIG. 2C



3/8
FIG. 2D

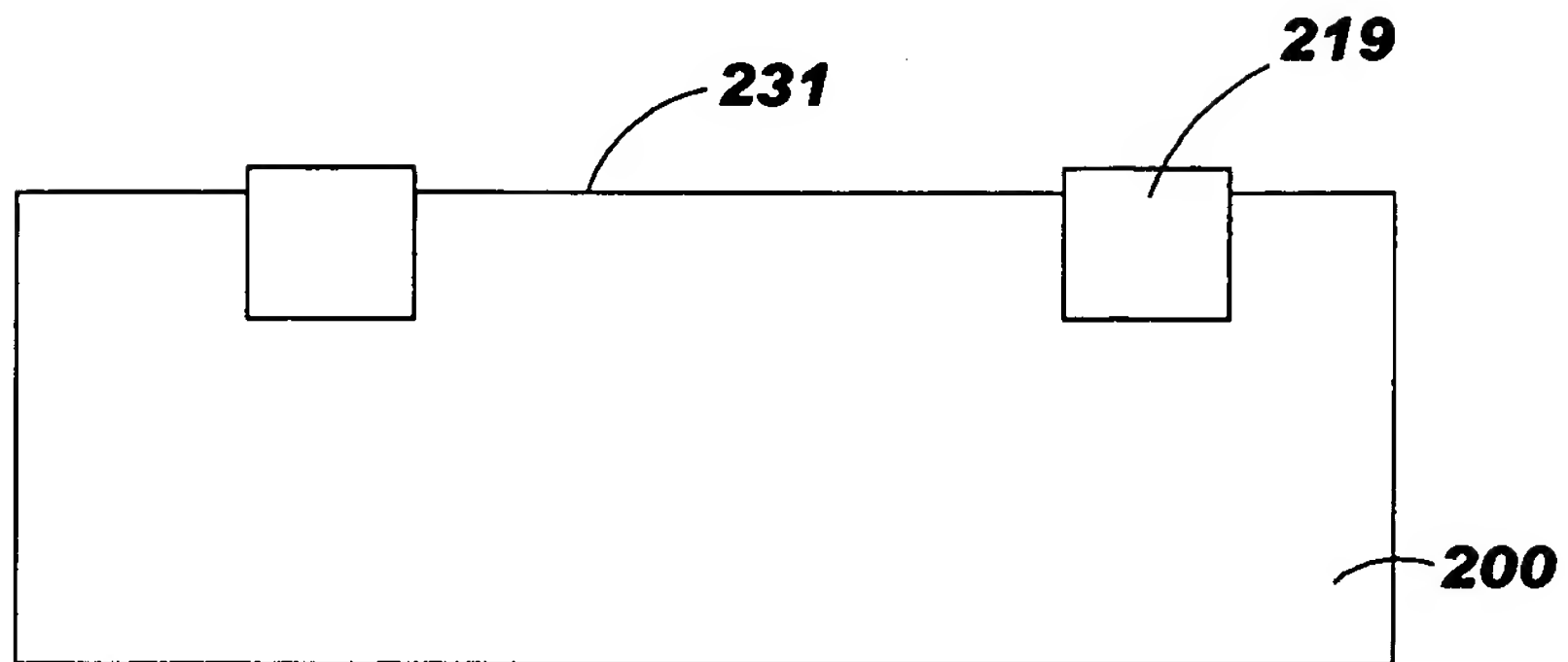


FIG. 2E

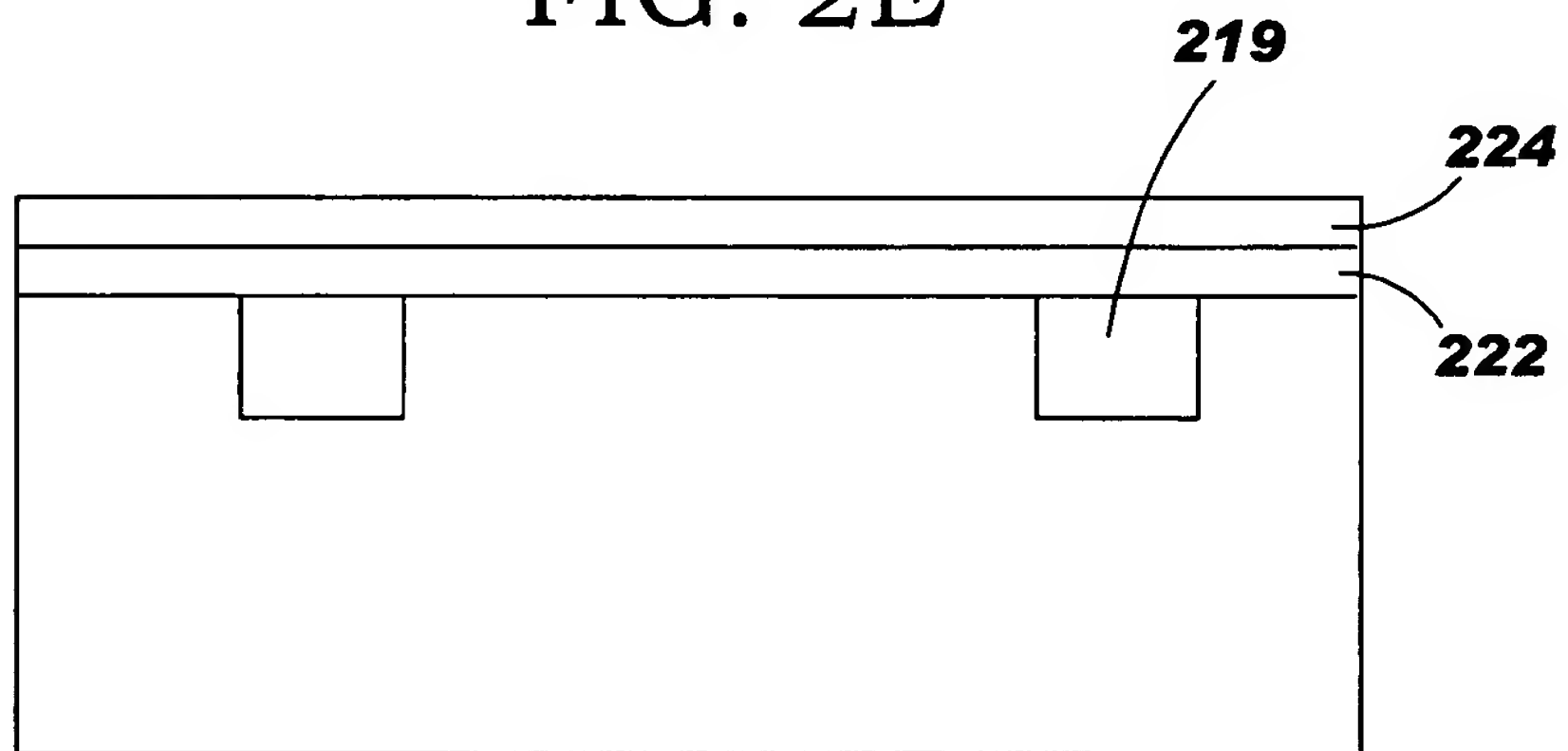
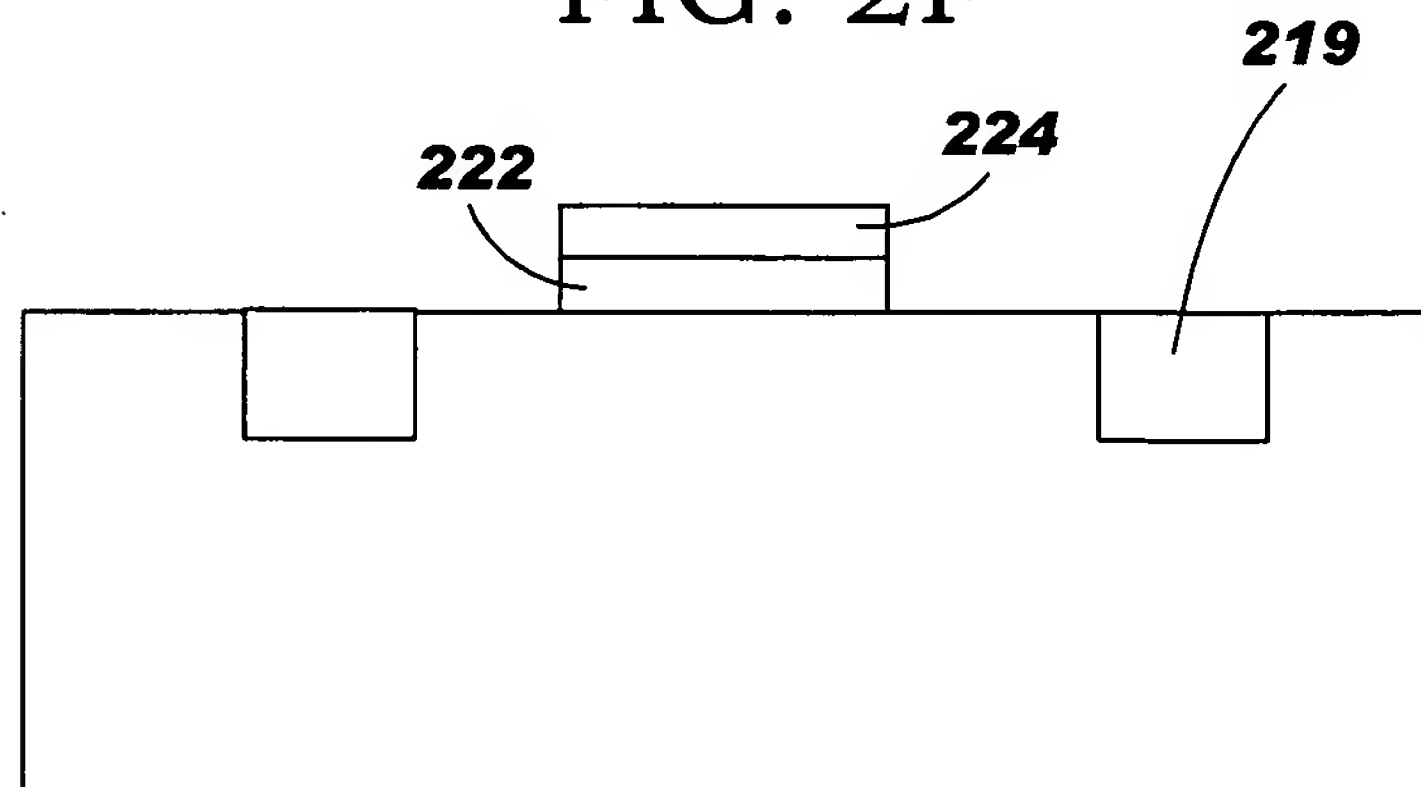


FIG. 2F



4/8
FIG. 2G

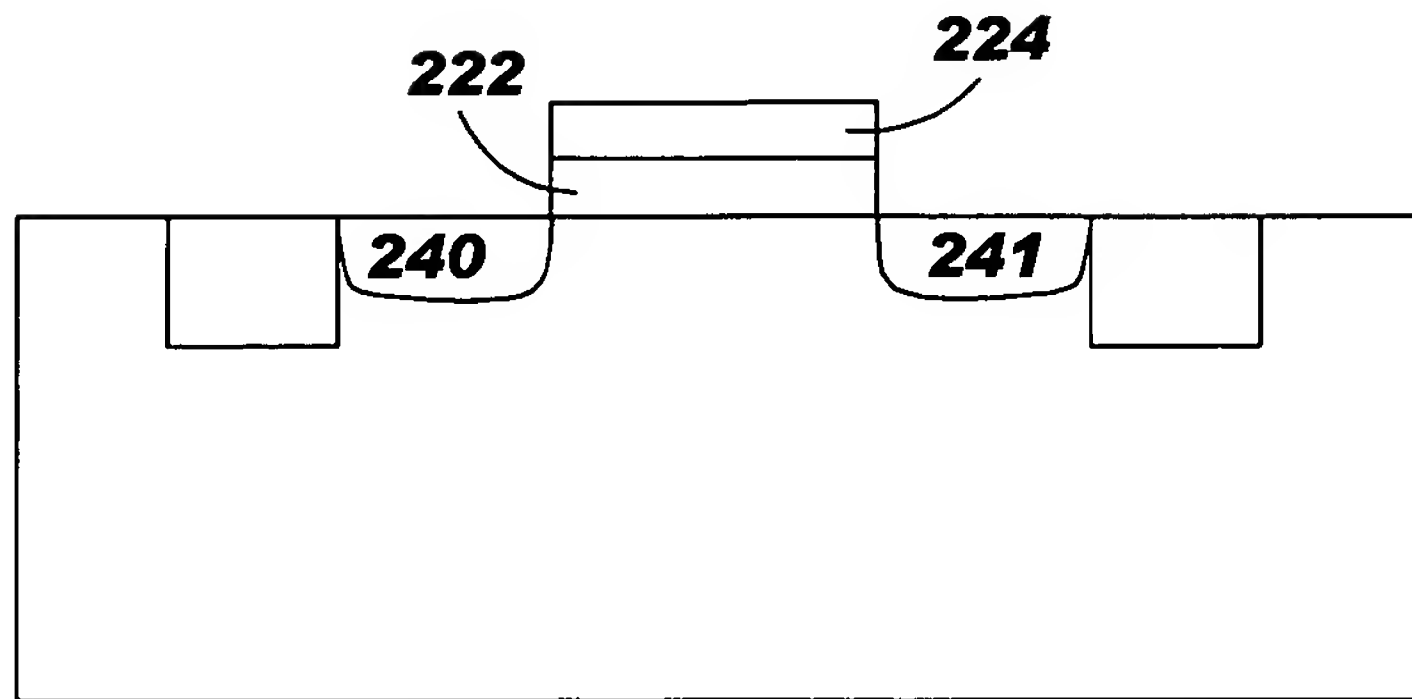


FIG. 2H

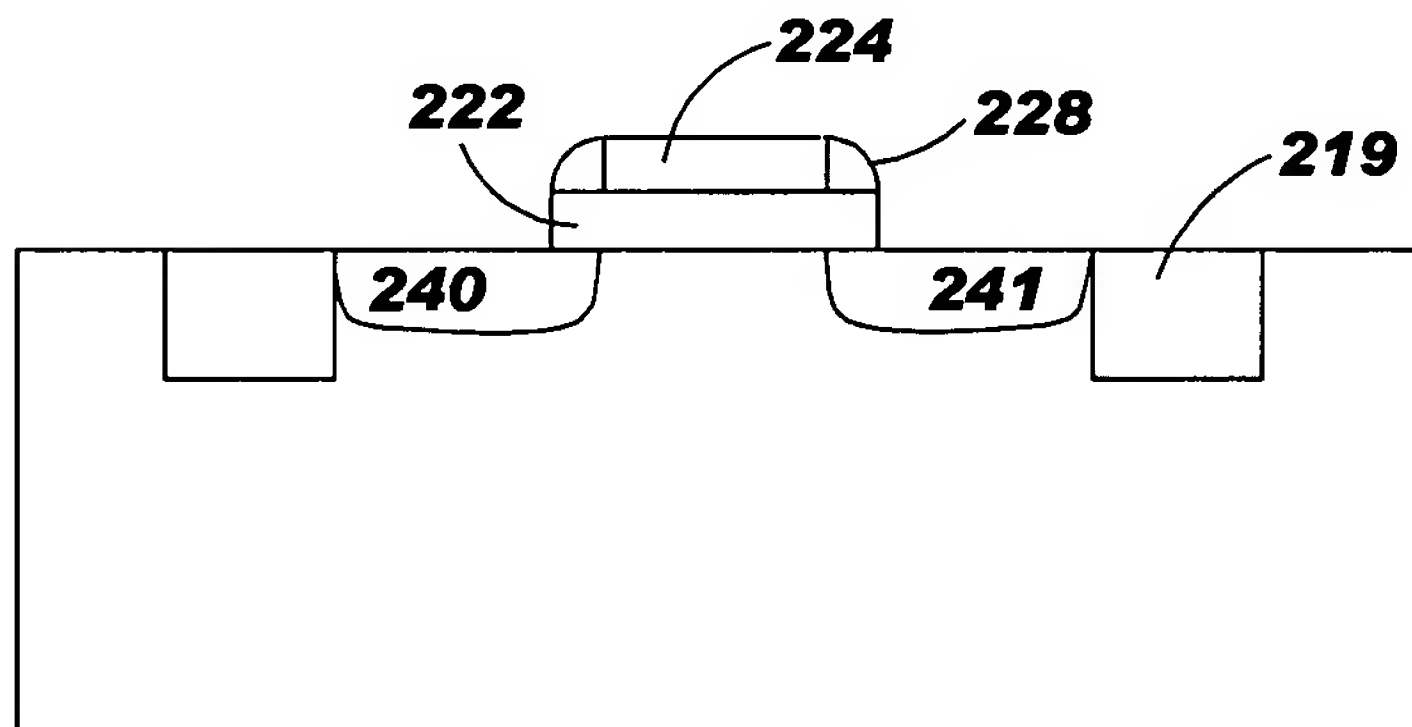
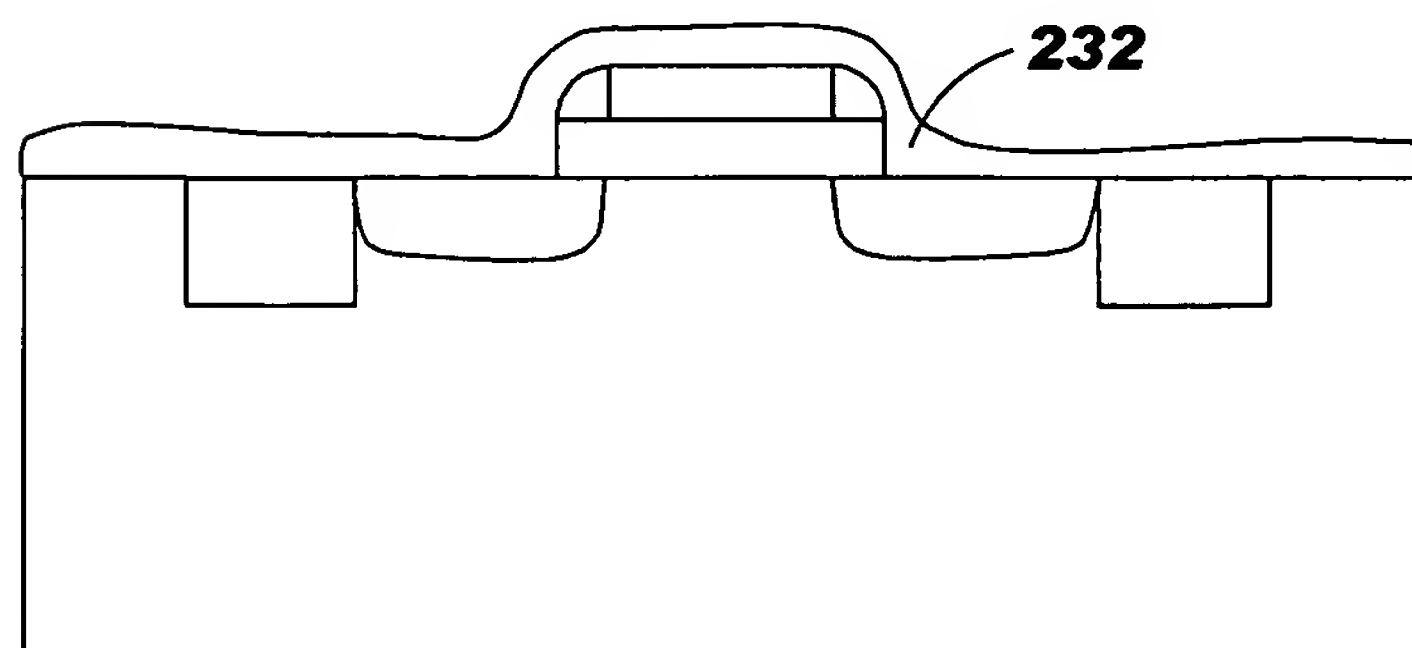


FIG. 2I



5/8
FIG. 2J

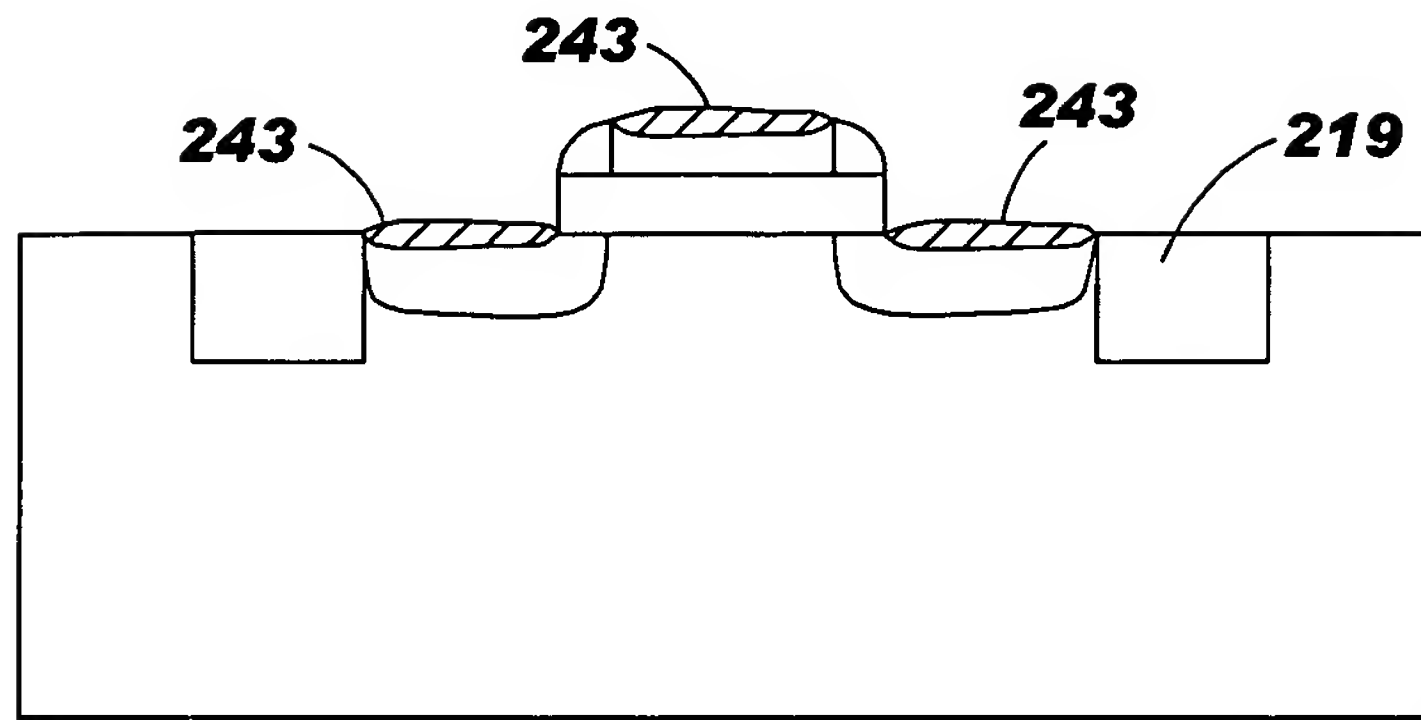


FIG. 2K

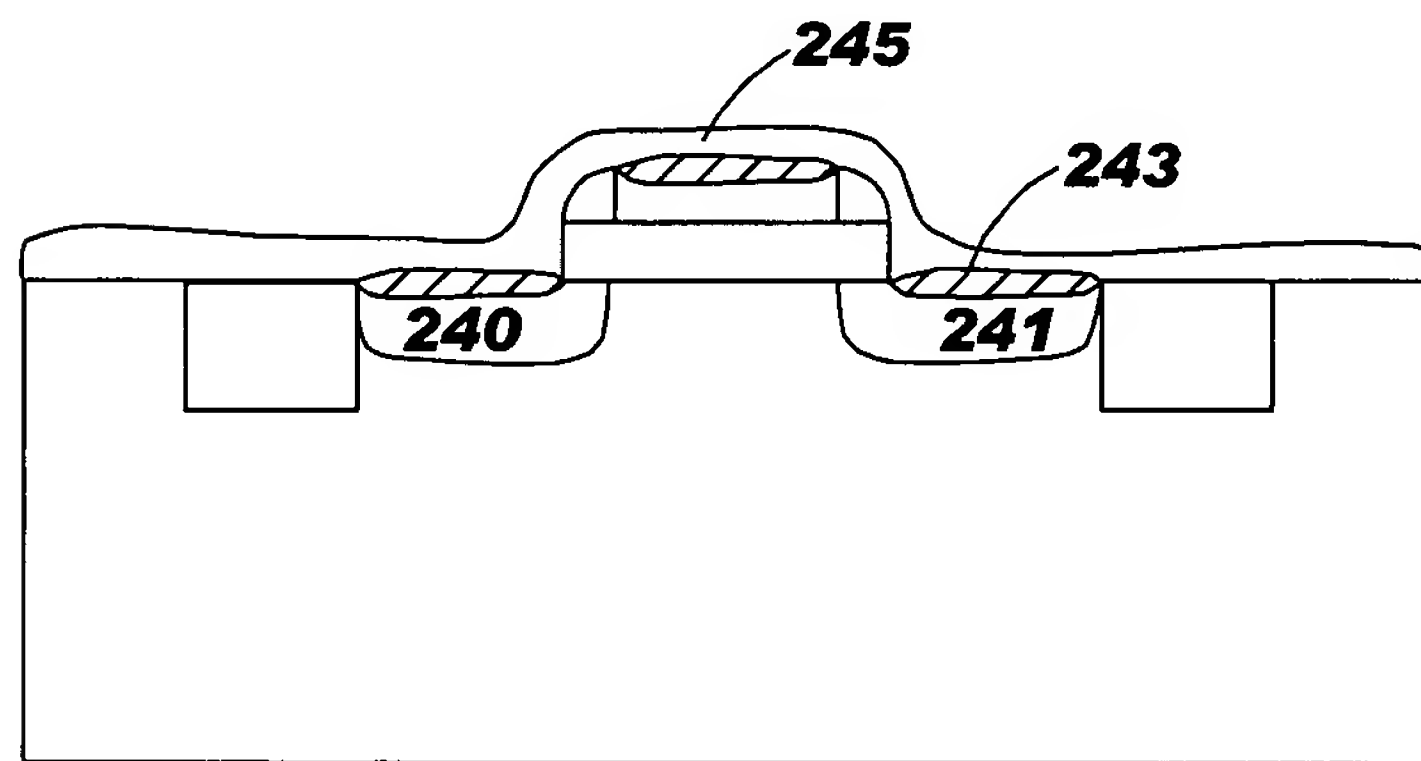
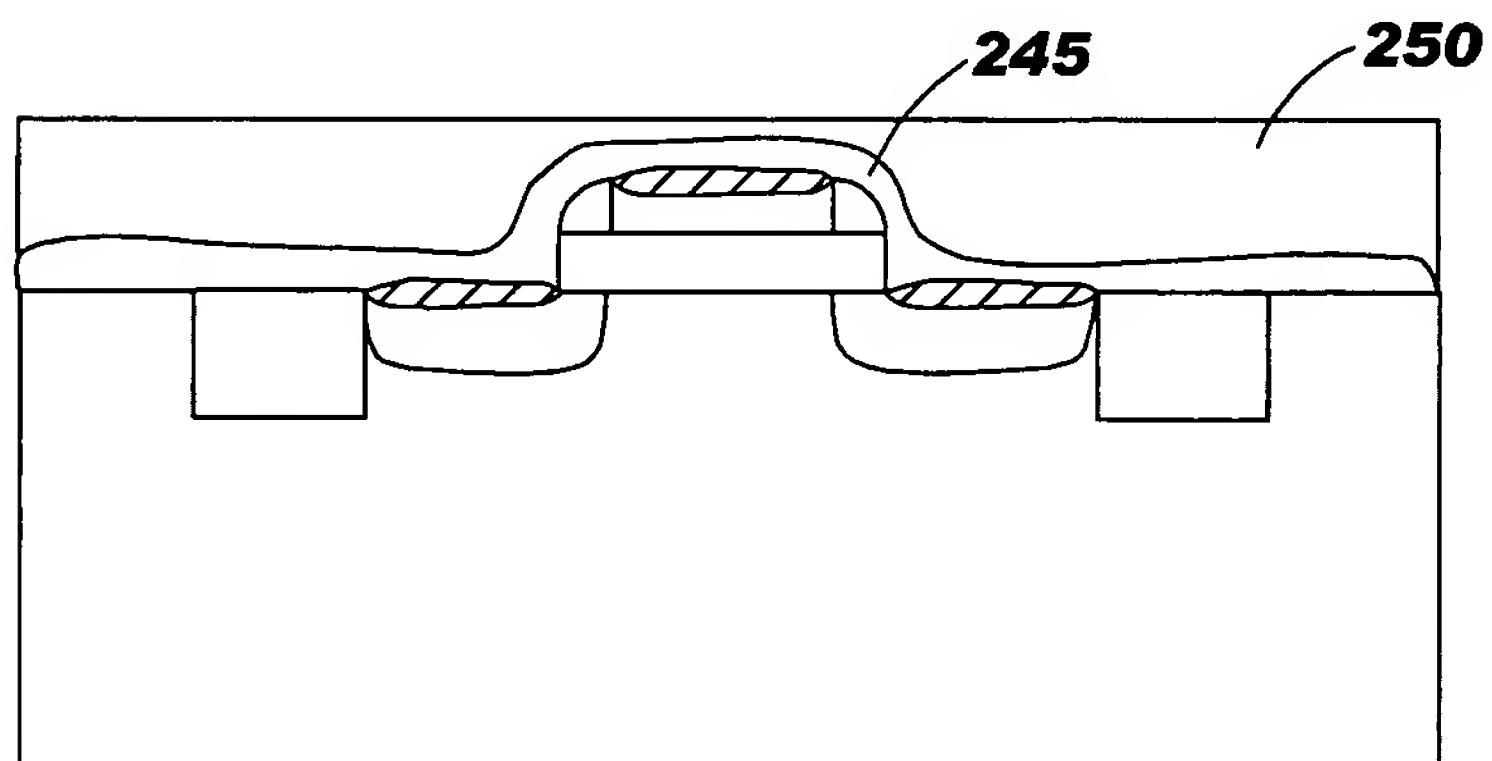


FIG. 2L



6/8
FIG. 3

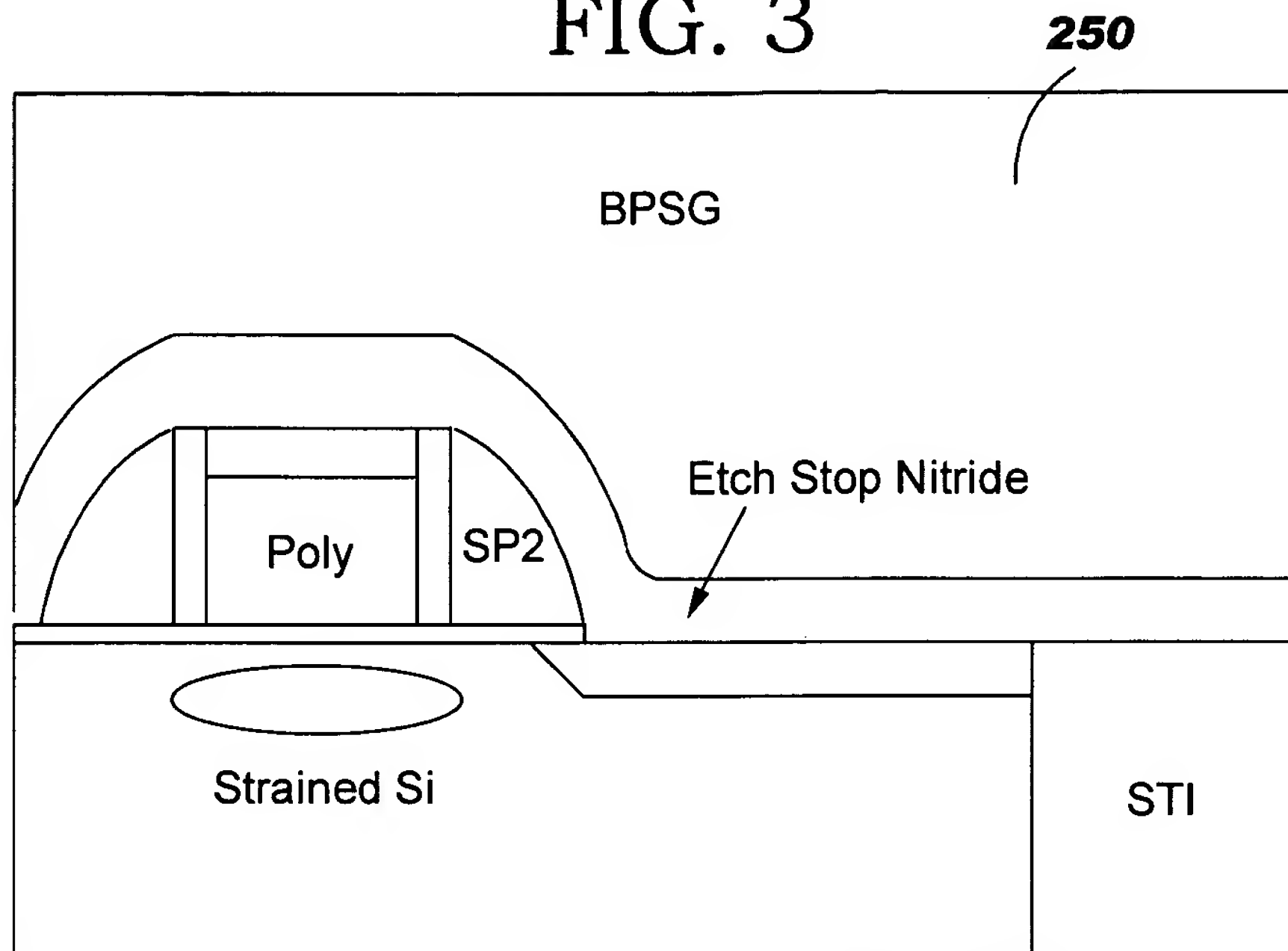
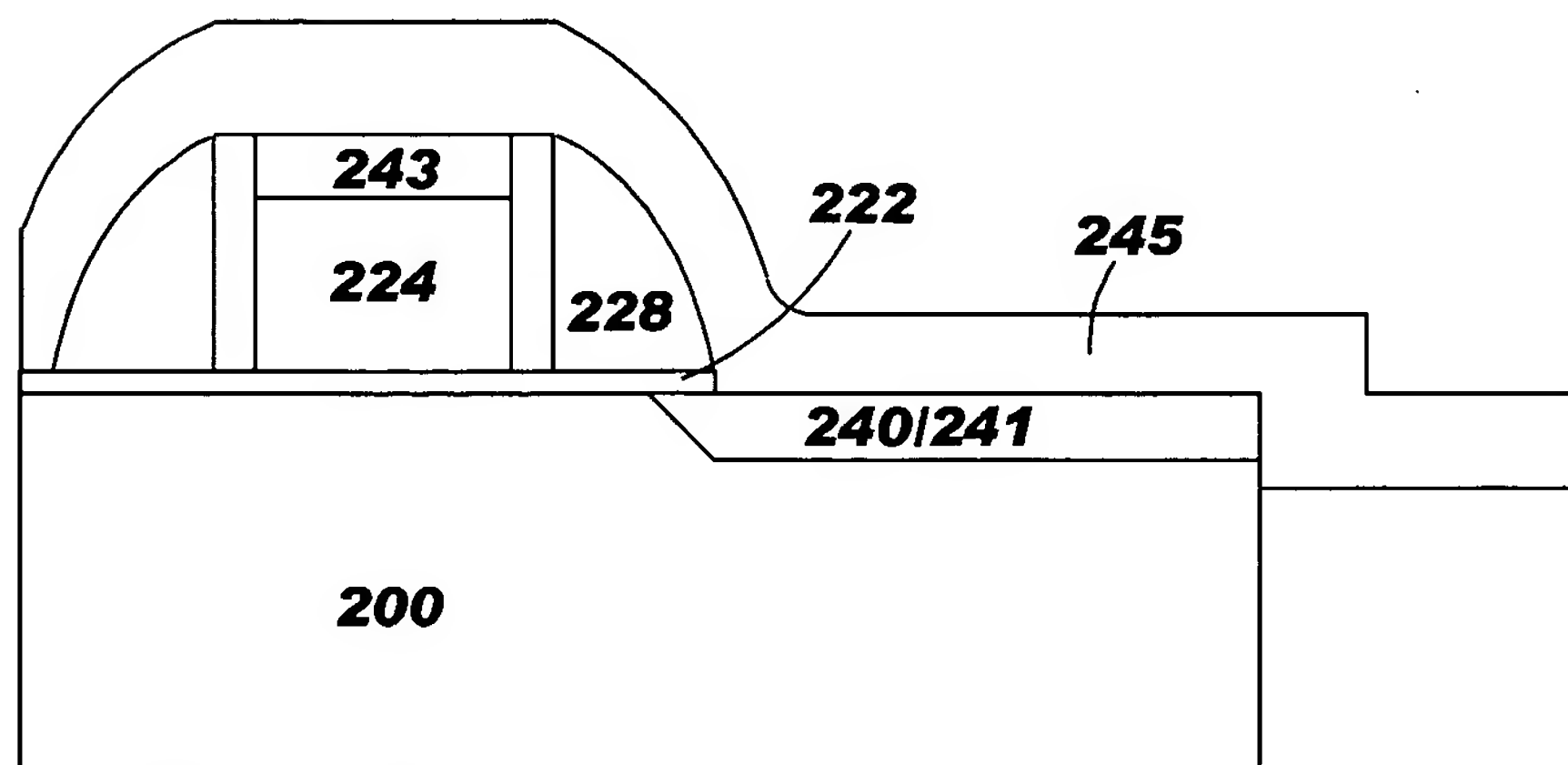


FIG. 4



7/8
FIG. 5

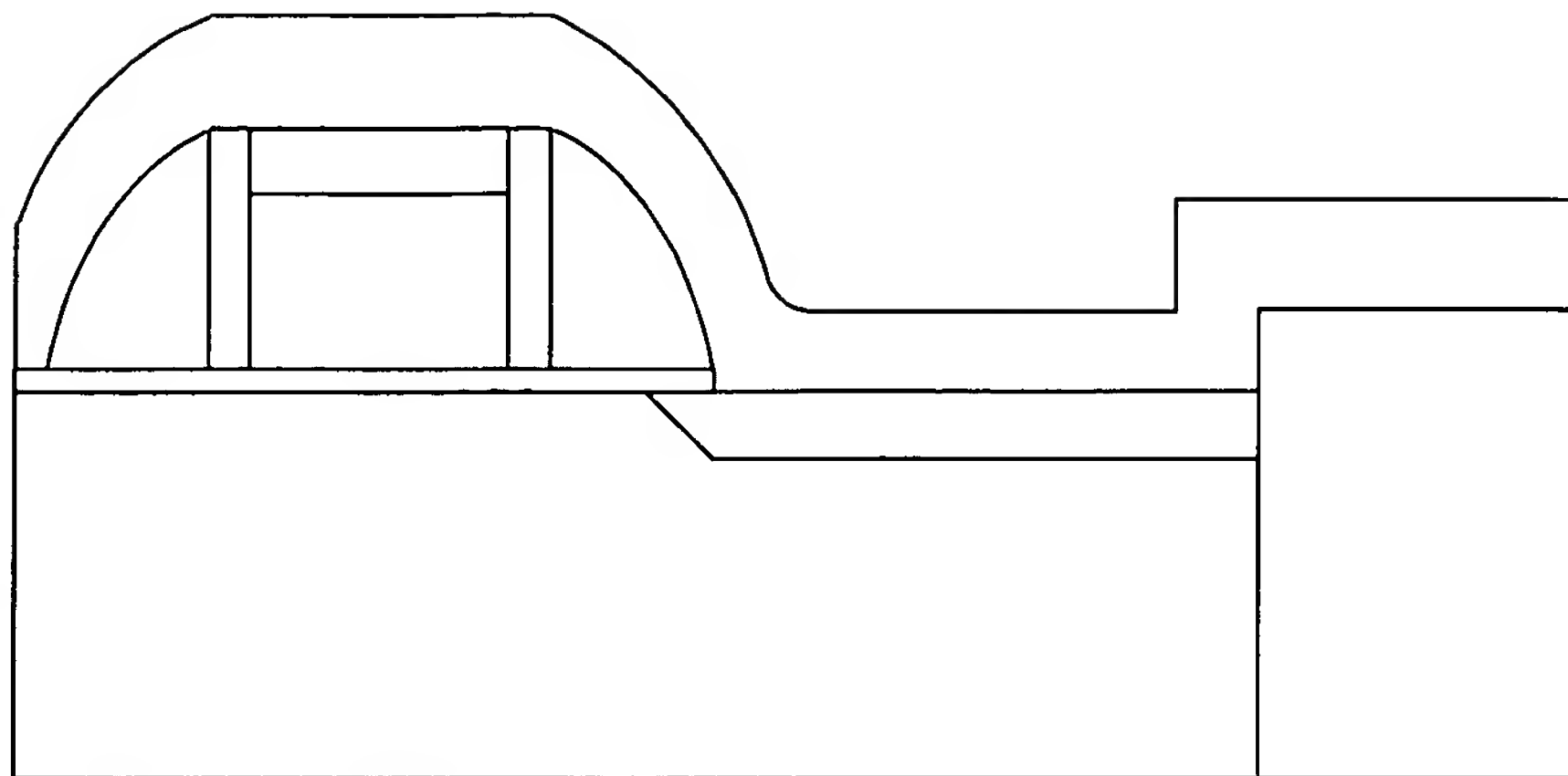
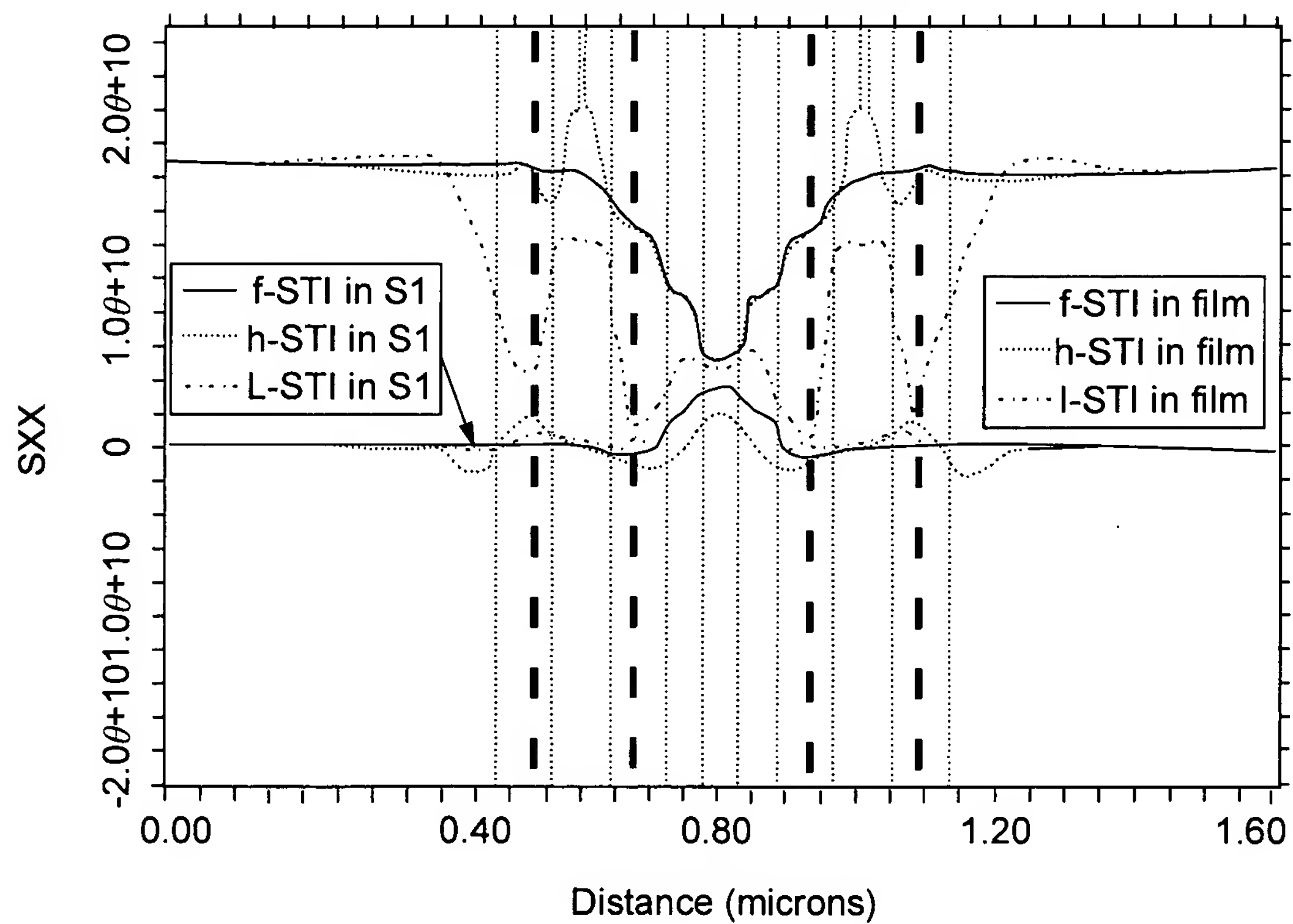


FIG. 6

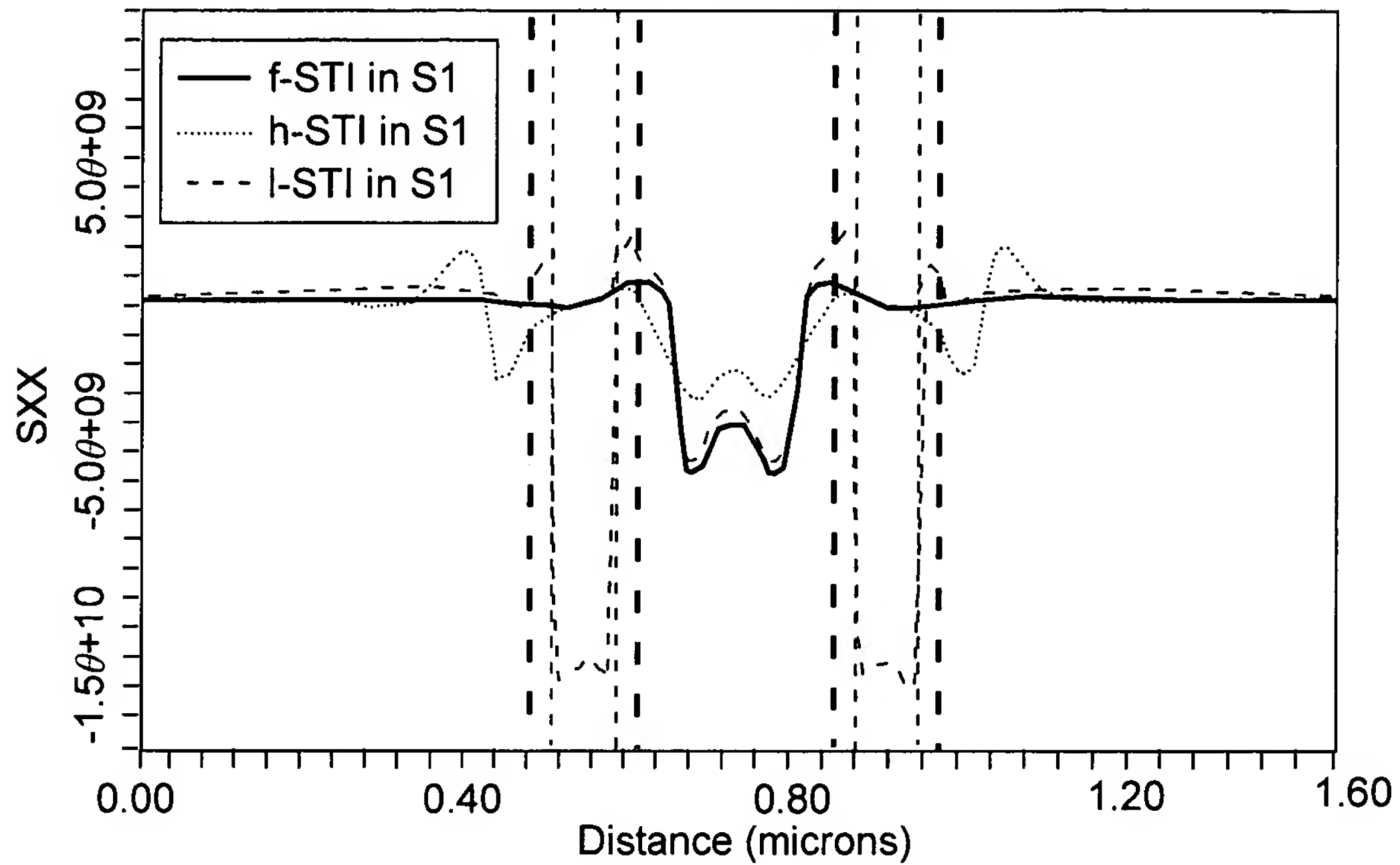
Stress Sxx vs. height of STI-oxide
In Si cut at $y = +0.01\mu\text{m}$ and In film $y = -0.01\mu\text{m}$
Pressure (dynes/cm²)



8/8

Stress Sxx vs. height of STI-oxide
in Si cut at $y=+0.01\mu\text{m}$
Pressure (dynes/cm²)

FIG. 7



Stress Sxx vs. height of STI-oxide w/large PC-STI distance
in Si cut at $y=0.01\mu\text{m}$ and in film $y=0.01\mu\text{m}$
Pressure (dynes/cm²)

FIG. 8

